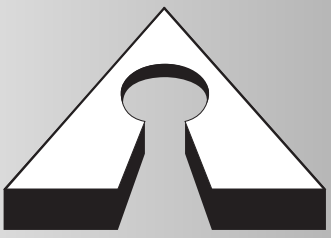

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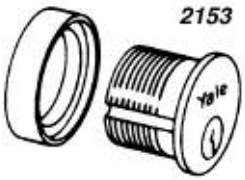
YALE YALE YALE YALE YALE YALE YALE YALE YALE

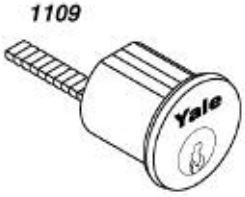
Cylinders and Key Blanks

All Yale® locksets are available in a wide choice of keying. All types of mortise and cylindrical locks may be incorporated into a master key system regardless of cylinder used.

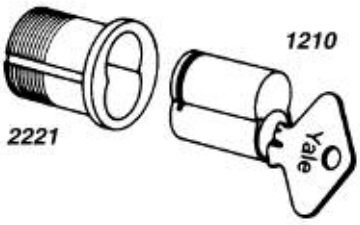


Mortise Cylinders

Cylinder Rings are supplied with Yale Mortise Locks depending upon the Trim Design selected. Ring size and thickness must be supplied to suit the length of the cylinder, the thickness of the door and the type of trim ordered.



Rim Cylinders



Removable Interchangable Cores

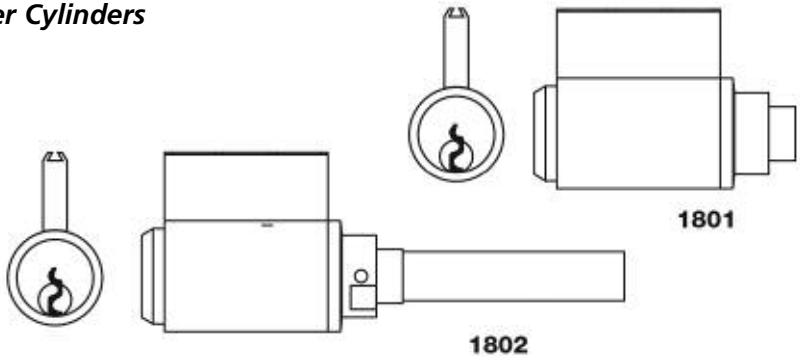
Yale cylinders with removable, interchangeable cores allow your master key control system to be flexible, simple and secure. With the special "Control" key any cylinder can have its core interchanged quickly. Any Yale core can be interchanged into any other Yale lock provided it has a removable core.

Available Finishes from Stock

See page 3 for available finishes.

Cylinders and Key Blanks

Key in Knob/Lever Cylinders



Key Blanks

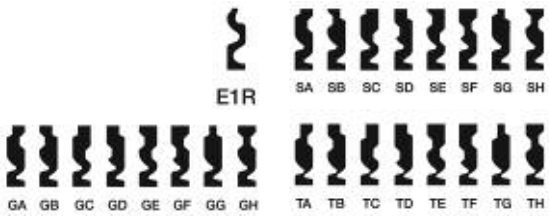
Note: Master blanks are available from stock in the following keyways: GAH, GBG, GCF, GDE, GV, GMK, SAH, SBG, SCF, SDE, SV, SMK, TAH, TBG, TCF, TDE, TV, TMK.

How to Order Cylinders

TYPE	KWY. *	FINISH	LENGTH
1109	SEE	605	1-1/8"
1210	CHART	612	
1813	AT	613	
2153	RIGHT	625	
		626	

Unless otherwise specified, cylinders will be furnished "0" bitted x 2 blank keys. E1R (PARA) keyway will be keted random x 2 cut keys.

Stock Keyways Available



All keyways are available as removable core.

Notes

8800 Series Mortise Locksets

With quick lever handing and a patent pending quick reversible latchbolt, lockset handing takes only seconds. Add a standard non-handed curved lip strike, and you've got a mortise lock that's quick and easy to install.

The Yale® 8800 Series brings a new measure of security to the door. Its 1" throw stainless steel deadbolt extends further back into the reinforced steel case when in the locked position, providing added stability and resistance to abuse. Solid trim packages also provide deterrence to vandalism.

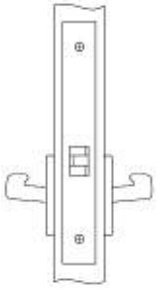
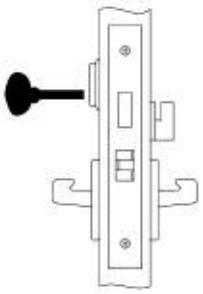
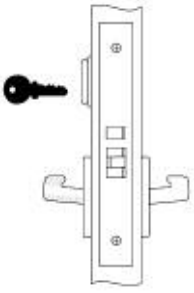
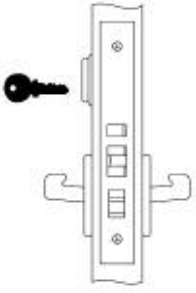
Features Include:

- **Yale® SL8800 Series lever escutcheon trims feature through-bolted installation with security head screws.**
- **Outside trim is held in place by threaded posts. Posts fit through holes in the door, above and below the lock case, and are secured by through-bolts from the inside trim.**
- **Heat-treated spindle resists breaking up to 1,200 inch pounds of force.**
- **Levers are attached to the escutcheon for added security.**
- **Yale outside escutcheon trims have no visible screws – a great deterrent to vandalism.**
- **At 2-1/2" wide and 3/16" thick, escutcheon is wider and more than twice as thick as standard escutcheons.**
- **Each mortise lock ordered with lever trim features an internal heavy-duty spring cartridge which prevents lever sag.**
- **All Yale mortise lock trims are UL listed for fire door applications.**
- **SL8800's are offered with Augusta, Jefferson, Pacific Beach, Monroe, Carmel and Arcadia lever handle escutcheon trims.**
- **SL8800 Series Mortise Locks are available in all lock functions.**

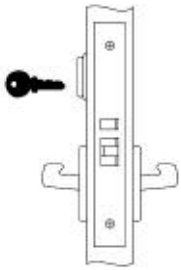
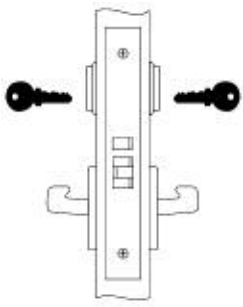
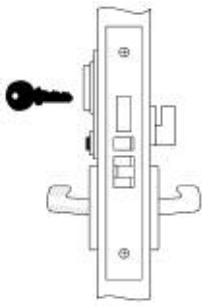
Available Finishes from Stock

See page 12 for available finishes.

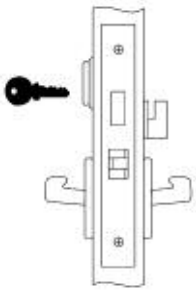
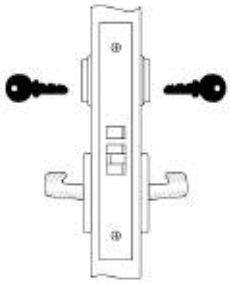
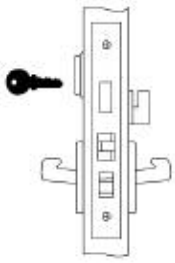
8800 Series
Mortise Locksets Functions

Function/Application	(ANSI) List Nos.	Mortise Locksets
Passage Latch • For doors that do not require locking. • Either knob/lever operates the latchbolt at all times.	**(F01)** **Knob** **Lever** **8801** **8801FL**	
Privacy Lock • Latchbolt by knob/lever either side. • Deadbolt by thumbturn inside. • When the deadbolt is projected, outside knob/lever is automatically made rigid. • Anti-panic operation. Turning inside knob/lever retracts the latchbolt and deadbolt simultaneously, automatically unlocking outside knob/lever. • In emergency, deadbolt may be unlocked from outside by E203 emergency key supplied.	**(F19)** **Knob** **Lever** **8802** **8802FL**	
Storeroom or Closet Lock • For use on storeroom, utility, exit doors. • Deadlocking latchbolt. • Latchbolt by key outside, knob/lever inside. • Outside knob/lever rigid at all times.	**(F07)** **Knob** **Lever** **8805** **8805FL**	
Entrance or Office • For office doors where locking is required. • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by stopwork activator. • When outside knob/lever is set, latchbolt is operated by key outside and knob/lever inside.	**(F04)** **Knob** **Lever** **8807** **8807FL**	

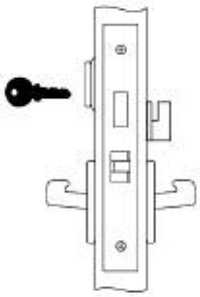
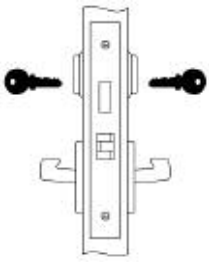
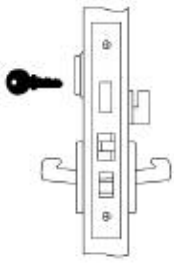
8800 Series
Mortise Locksets Functions

Function/Application	(ANSI) List Nos.	Mortise Locksets
Classroom Lock • For classroom, office, or utility room doors. • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by key outside. • Inside knob/lever always active.	**(F05)** **Knob 8808** **Lever 8808FL**	
Apartment, Exit or Public Toilet Lock • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by key inside. • When outside knob/lever is set, latchbolt is operated by key outside and knob/lever inside.	**(F09)** **Knob 8817-2** **Lever 8817-2FL**	
Hotel/Motel Lock • Deadlocking latchbolt. • Outside knob/lever rigid at all times. • Latchbolt by key outside, knob/lever inside. • Guest room and master keys retract the latchbolt, only when the deadbolt is NOT projected. • Deadbolt by emergency/shut-out or display key only outside, thumbturn inside. • When deadbolt is projected, the indicator button projects out (indicating room is occupied). Access from outside can be gained only with an emergency/shut-out or display key. • Anti-panic operation. Turning the inside knob/lever retracts both the latchbolt and deadbolt simultaneously.	**(F15)** **Knob 8820** **Lever 8820FL**	

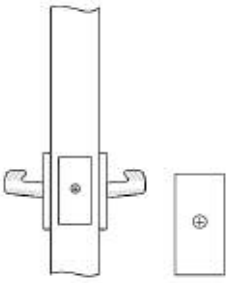
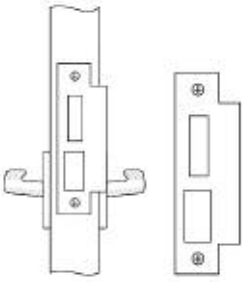
8800 Series
Mortise Locksets Functions

Function/Application	(ANSI) List Nos.	Mortise Locksets
Dormitory Lock • Latchbolt by knob/lever either side. • Deadbolt by key outside and thumbturn inside. • When the deadbolt is projected, outside knob/lever is automatically made rigid. • Anti-panic operation. Turning inside knob/lever retracts the latchbolt and deadbolt simultaneously, automatically unlocking outside knob/lever.	**(F13)** **Knob Lever** **8822 8822FL**	
Asylum Lock • Deadlocking latchbolt. • Latchbolt by key both sides. • Ridge knob/lever both sides for use as pulls only.	**Knob Lever** **8830-2 8830-2FL**	
Entrance and Apartment Door Lock • Latchbolt by knob/lever either side, except when the outside knob/lever is set by stop-work activator or automatically set when the deadbolt is projected. • Deadbolt by key outside, thumbturn inside. • When outside knob/lever is set, key outside operates and retracts both latchbolt and deadbolt. • Key outside retracts both latchbolt and deadbolt. • Anti-panic operation. Turning inside knob/lever retracts the latchbolt and deadbolt simultaneously, with outside knob/lever remaining locked.	**(F12)** **Knob Lever** **8847 8847FL**	

8800 Series
Mortise Locksets Functions

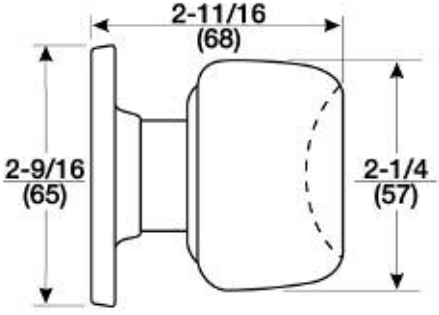
Function/Application	(ANSI) List Nos.	Mortise Locksets
Entrance or Storeroom Lock • Latchbolt by knob/lever either side. • Deadbolt by key outside and thumb turn inside.	**(F21)** **Knob** **Lever** **8860** **8860FL**	
Entrance or Storeroom Lock • Latchbolt by knob/lever either side. • Deadbolt by key both sides.	**(F14)** **Knob** **Lever** **8860-2** **8860-2FL**	
Entrance or Apartment Door Lock • Latchbolt by knob/lever either side, except when the outside knob/lever is set by stop-work activator or automatically set when the deadbolt is projected. • Deadbolt by key outside, thumbturn inside. • When outside knob/lever is set, key outside operates and retracts both latchbolt and deadbolt. • Key outside retracts both latchbolt and deadbolt. • Anti-panic operation. Turning inside knob/lever retracts the latchbolt and deadbolt simultaneously, with outside knob/lever remaining locked.	**(F12)** **Knob** **Lever** **8867** **8867FL**	

8800 Series
Mortise Locksets Functions

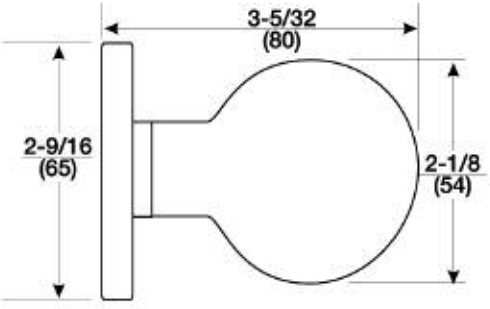
Function/Application	Mortise Locksets
Dummy Trim One Side • Push or pull only. • Knob or lever one side of door. • Knob or lever rigid at all times, trim non-operational. • Available in knob x rose or lever x rose only.	**Knob or Lever** **855**
Dummy Trim Both Sides • Push or pull only • Knobs or levers both sides of inactive leaf of a pair of doors. • Both knob or lever rigid at all times. • Trim non-operational. • Strike of active-door lockset used with spindlebar stabilizer. • Available in all sectional and escutcheon trim.	**Knob** **Lever** **836A** **838A**  **Knob** **Lever** **836B** **838B** 

8800 Series
Mortise Knob Trim Designs

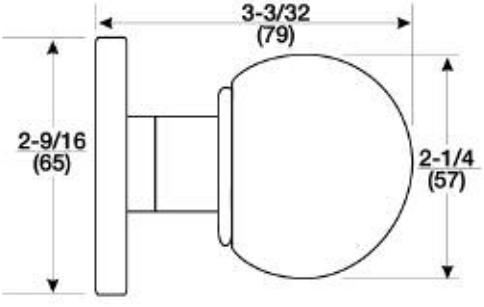
BRR



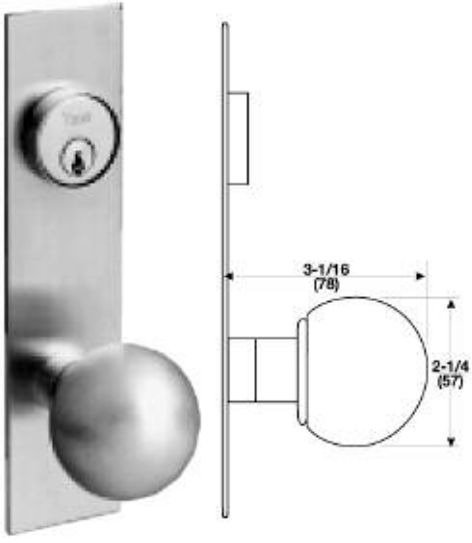
CAR



COR

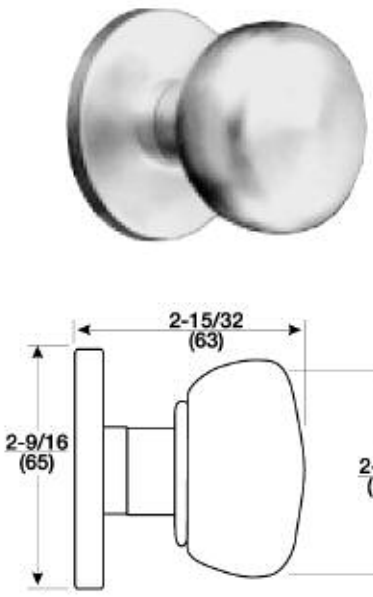


COE

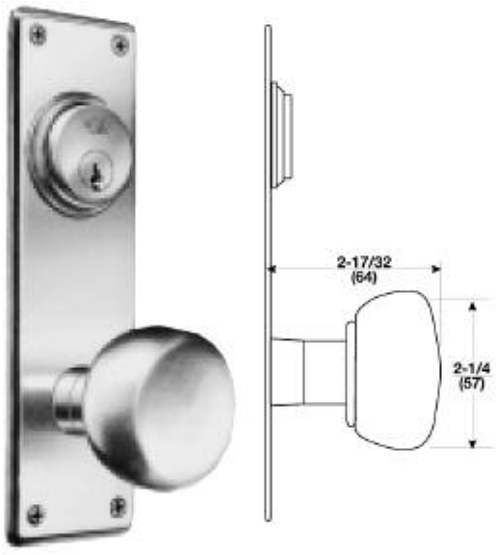


8800 Series
Mortise Knob Trim Designs

LFR



CE



How to Order 8700 Mortise Knob Locks

DESIGN	FUNCTION		FINISH	HAND *	KWY. *
BRR	8701	8801	605	RH	SEE
CAR	8702	8802	612	RHR	PAGE
CE	8705	8805	613	LH	3
COE	8707	8807	625	LHR	
COR	8717-2	8817-2	626		
LFR	8720	8820	630		
	8722	8822			
	8730-2	8830-2			
	8747	8847			
	8760	8860			
	8767	8867			
	8760-2	8860-2			
	836A				
	836B				
	855				

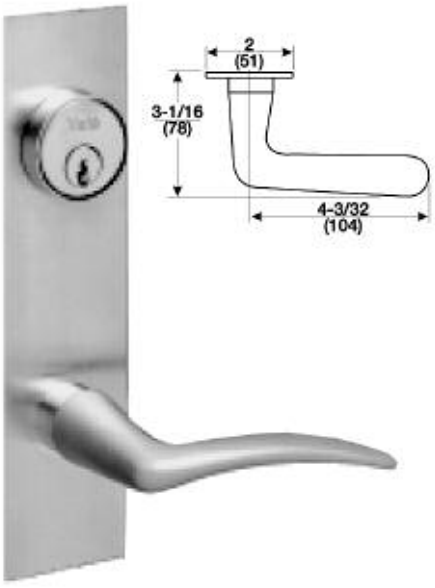
Unless otherwise specified, locks will be furnished standard for RH, 1-3/4" door, E1R (PARA) keyway cylinder x random keyed.

TRIM DESIGN	FINISHES					
	605	612	613	625	626	630
BRR		•			•	
CAR	•	•	•	•	•	
CE		•			•	
COE	•	•	•		•	
COR	•	•	•	•	•	•
LFR		•	•		•	

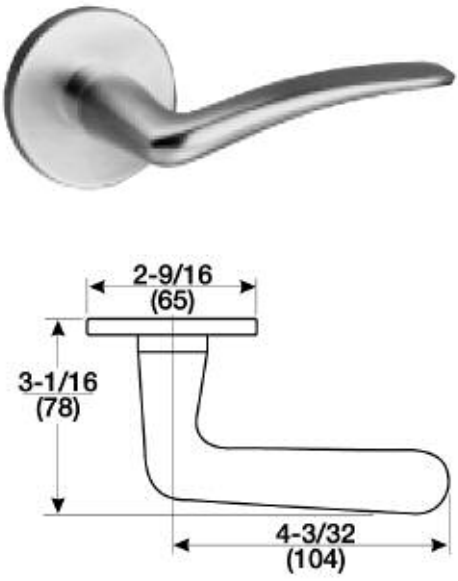
OPTIONS	SYMBOL
Less Cylinder	LC
Less Double Cylinder	LC

8800 Series
Mortise Lever Trim Designs

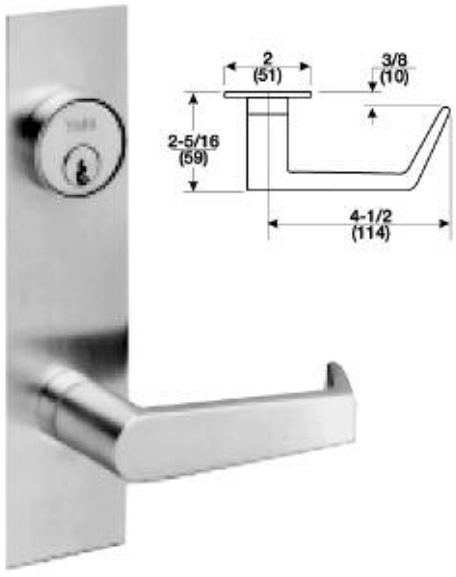
ARE



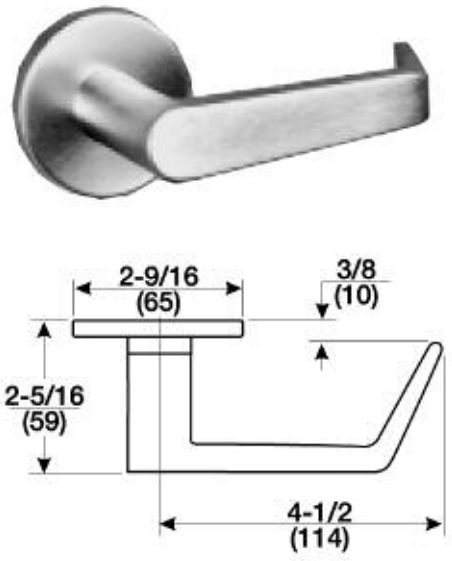
ARR



AUE



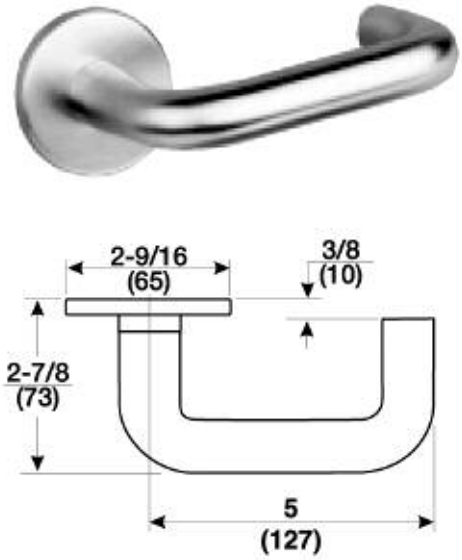
AUR



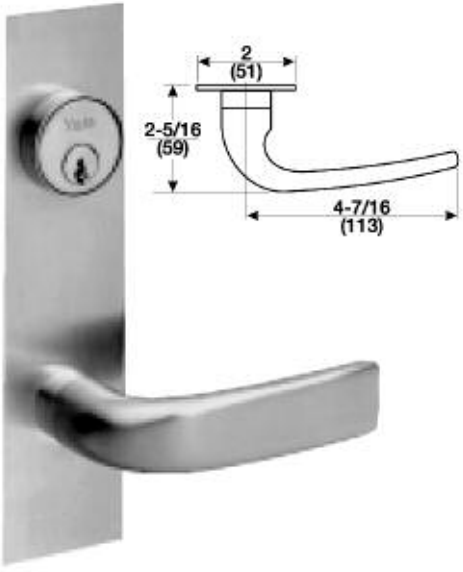
8800 Series
Mortise Lever Trim Designs

CRE

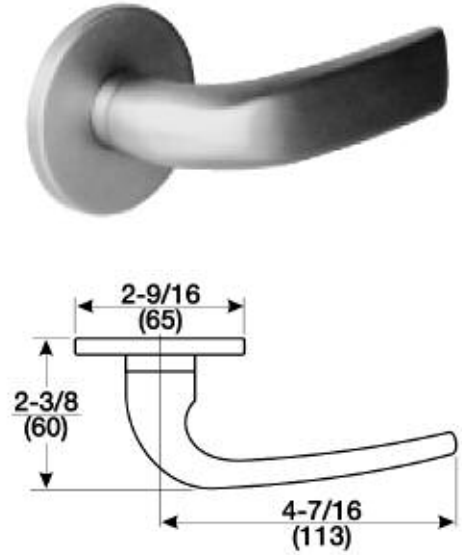
CRR



JNE

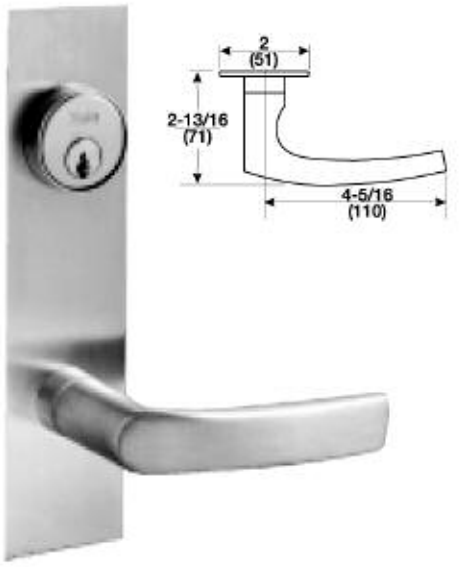


JNR

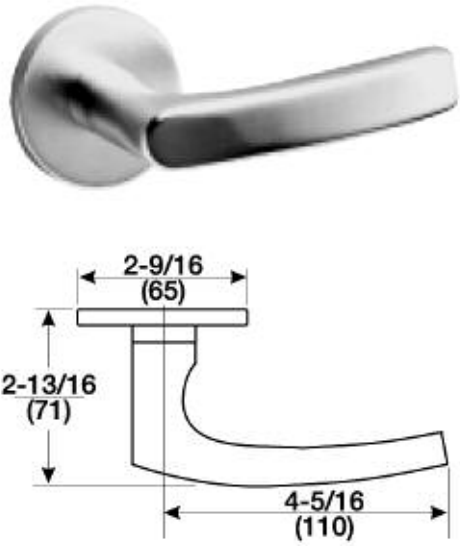


8800 Series
Mortise Lever Trim Designs

MOE

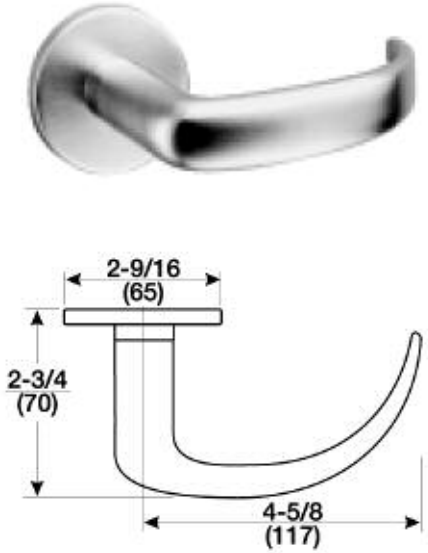


MOR



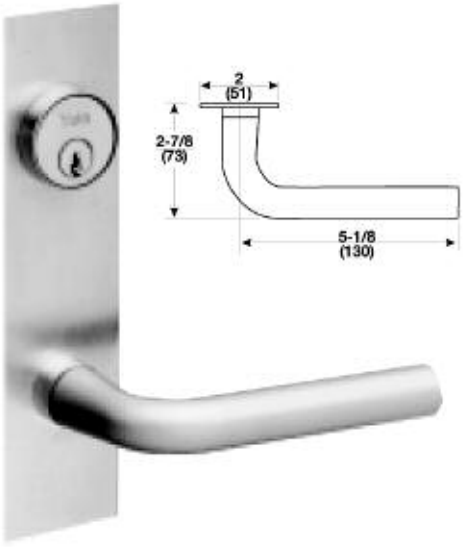
PBE

PBR

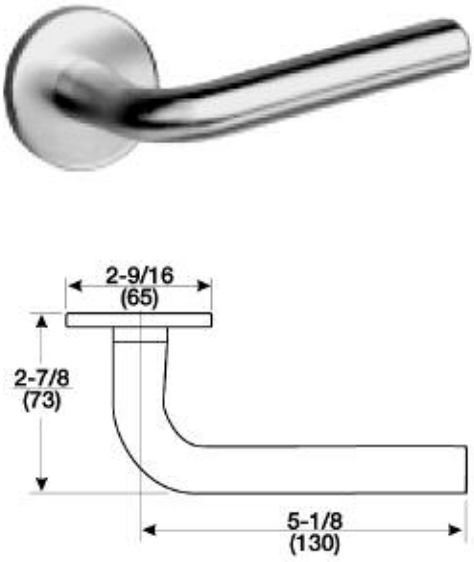


8800 Series
Mortise Lever Trim Designs

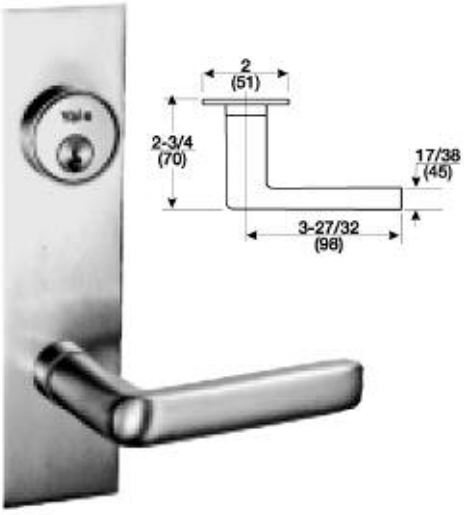
PNE



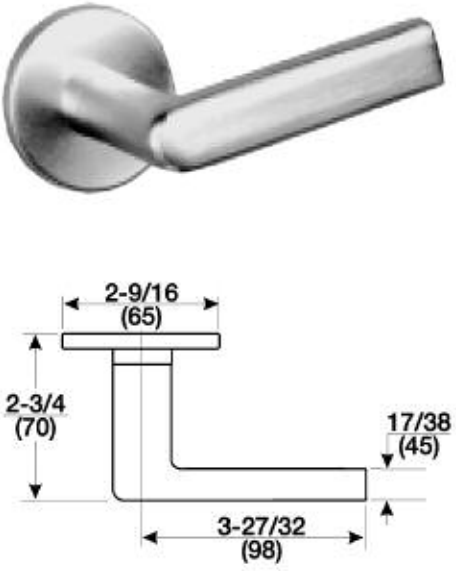
PNR



VIE



VIR



8800 Series
Electrified Mortise Locksets

Free egress at all times. Turning power on by the 702-6 Key switch locks the outside trim on the 8890. If the fire alarm is actuated the trim will unlock, allowing entry from the stairwell to the floor. On power failure, the lock will unlock, allowing entry from the stairwell to the floor.

Custom cable lengths available for ElectroLynx connections. Call Akron Hardware for pricing and information.

ELECTRO Lynx™

How to Order 8700 Mortise Lever Locks

DESIGN	FUNCTION	FINISH	HAND *	KWY. *
ARR	8801	605	RH	SEE
AUE	8802	612	RHR	PAGE
AUR	8805	613	LH	3
CRE	8807	625	LHR	
CRR	8817-2	626		
JNR	8820	630		
MOE	8822			
MOR	8830-2			
PBE	8847			
PBR	8860			
PNR	8867			
VIR	8860-2			
	836A			
	855			

OPTIONS	SYMBOL
Less Cylinder	LC
Less Double Cylinder	LC

Unless otherwise specified, locks will be furnished standard for RH, 1-3/4" door, E1R (PARA) keyway cylinder x random keyed.

TRIM DESIGN / FINISHES	605	612	613	625	626	630
ARE					•	
ARR				•	•	
AUE	•	•	•		•	
AUR	•	•	•	•	•	•
CRE	•	•	•		•	
CRR	•	•	•	•	•	•
JNE	•	•	•		•	
JNR	•	•	•	•	•	
MOE	•	•	•		•	
MOR	•	•	•	•	•	•
PBE	•	•	•		•	
PBR	•	•	•	•	•	•
PNE	•	•	•		•	
PNR	•	•	•	•	•	
VIE					•	
VIR					•	

For Yale Parts, Available For Immediate Shipment, See Our Manufacturers Parts Section.

5400LN Series Cylindrical Locks

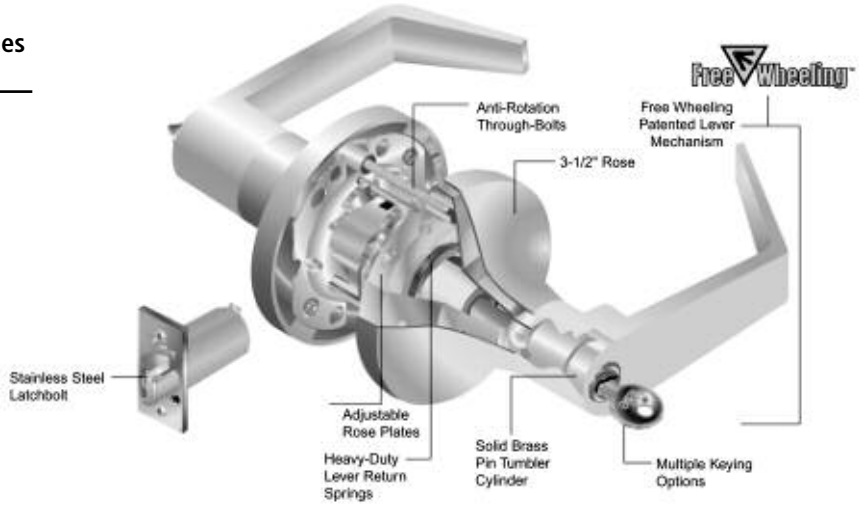
ANSI/BHMA Series 4000, Grade 1. Designed for industrial, commercial and institutional use, Yale's 5400LN offers no compromise when it comes to reliability and performance, with construction features such as its patented Free Wheeling lever mechanism, wear-resistant chassis plates and heavy-duty return springs. All 5400LN functions feature the Free Wheeling lever mechanism. When the outside lever is locked, it will rotate freely up and down while remaining securely locked.

Features Include:

- **Mechanism: Heavy-gauge steel, zinc-plated, dichromated.**
- **Backset: 2-3/4" standard; 3-3/4" or 5" extension link to order.**
- **Latchbolt: 1/2" throw standard. 3/4" throw to order.**
- **Guardbolt: Deadlocks latchbolt when door is closed; standard on all locking functions.**
- **Door Thickness: Adjustable from 1-3/4" to 2-1/4".**
- **Fronts: 2-1/4" x 1/8" beveled, standard; flat fronts to order.**
- **Rabbeted Doors: Latchbolt with 1/2" rabbet step available to order.**
- **Cylinders: Brass, 6-pin, keyed random cylinder with two keys furnished standard. For other cylinder and keying options, see pages 28-29.**
- **Reversibility: Locksets are field reversible.**
- **Strikes: 1-1/4" curved lip for 1-3/4" door standard; other lip lengths to special order.**
- **UL: UL fire rated up to 3 hours.**

Available Finishes from Stock

See page 23 for available finishes.



5300LN Series Cylindrical Locks

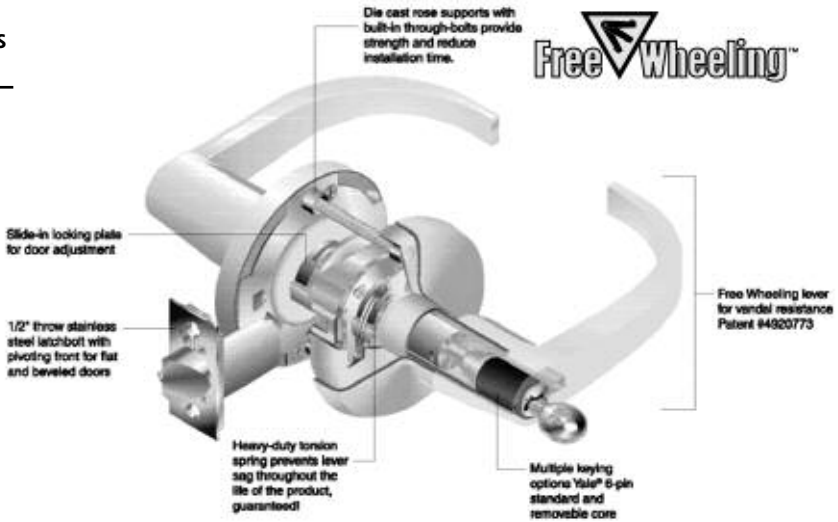
ANSI/BHMA Series 4000, Grade 2. This revolutionary lockset boasts patented features such as a vandal-resistant Free Wheeling lever mechanism and an adjustable door thickness design that makes installation a breeze. Through-bolting provides a secure fit that resists rattling and shaking.

Features Include:

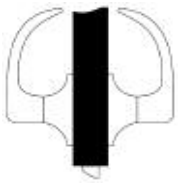
- **Backset: 2-3/8", 2-3/4", 3-3/4".**
- **Latchbolt: Stainless steel.**
- **Strikes: T-Strike and ANSI Strike.**
- **Door Thickness: Locks are preassembled for 1-3/8" and 1-3/4" doors. Available for 2" or 2-1/4" doors on request.**
- **Cylinders: Brass, 6-pin, keyed random cylinder with two keys furnished standard. For other cylinder and keying options, see pages 28-29.**
- **Trim Design: Available in AU, PB, and MO designs.**
- **ADA: Meets accessibility guidelines of the Americans With Disabilities Act.**
- **ANSI/BHMA: A156.2 1996 Series 4000 Grade 2.**
- **UL: UL fire rated up to 3 hours.**

Available Finishes from Stock

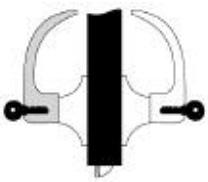
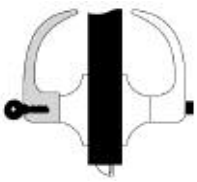
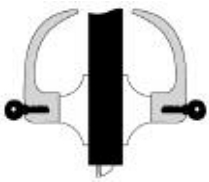
See page 23 for available finishes.


Die cast rose supports with built-in through-bolts provide strength and reduce installation time.
Free Wheeling™
Slide-in locking plate for door adjustment
1/2" throw stainless steel latchbolt with pivoting front for flat and beveled doors
Free Wheeling lever for vandal resistance Patent #4920773
Heavy-duty torsion spring prevents lever sag throughout the life of the product, guaranteed!
Multiple keying options Yale® 6-pin standard and removable core

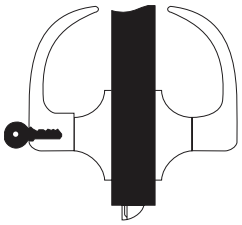
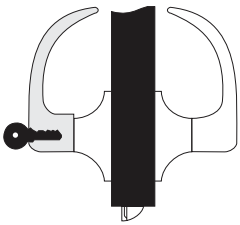
5400LN / 5300LN Series
Cylindrical Leverset Functions

Function/Application	(ANSI) List Nos.	Mortise Locksets
Passage Latch • For doors that do not require locking. • Either knob/lever operates the latchbolt at all times.	**(F75)** **5401LN** **5301LN**	
Privacy Lock • Latchbolt by knob/lever either side. • Deadbolt by thumbturn inside. • When the deadbolt is projected, outside knob/lever is automatically made rigid. • Anti-panic operation. Turning inside knob/lever retracts the latchbolt and deadbolt simultaneously, automatically unlocking outside knob/lever. • In emergency, deadbolt may be unlocked from outside by E203 emergency key supplied.	**(F76)** **5402LN*** **5302LN*** • Button automatically releases by turning inside knob or lever or closing door.	
Entry Lock • For entrance or office doors. • Deadlocking latchbolt. • Either lever operates latchbolt (except when outside lever is locked from inside).* • Pushing button in inside lever locks outside lever. • Latchbolt is operated by key in outside lever or by rotating inside lever. • Inside lever always active.	**(F82)** **5404LN***	
Storeroom or Closet Lock • For use on storeroom, utility, exit doors. • Deadlocking latchbolt. • Latchbolt by key outside, knob/lever inside. • Outside knob/lever rigid at all times.	**(F04)** **5405LN*** **5305LN***	
Entrance or Office • For office doors where locking is required. • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by stopwork activator. • When outside knob/lever is set, latchbolt is operated by key outside and knob/lever inside.	**(F81/82)** **5407LN*** **5307LN***	

5400LN / 5300LN Series
Cylindrical Leverset Functions

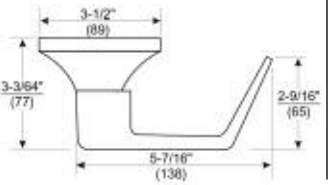
Function/Application	(ANSI) List Nos.	Mortise Locksets
Classroom Lock • For classroom, office, or utility room doors. • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by key outside. • Inside knob/lever always active.	**(F84)** **5408LN*** **5308LN***	
Apartment, Exit or Public Toilet Lock • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by key inside. • When outside knob/lever is set, latchbolt is operated by key outside and knob/lever inside.	**(F45)** **5417LN***	
Communicating Lock • For communicating or store entrance doors. • Deadlocking latchbolt. • Either knob or lever operates latchbolt (except when key in either knob or lever locks or unlocks the knob or lever independently of the other). • Should be used only on offices or rooms with multiple entry.	**5421LN***	
Dormitory Lock • Latchbolt by knob or lever either side. • Thumbturn or pushbutton makes outside knob or lever rigid. • Inside knob or lever always active, retracts latchbolt and deadbolt simultaneously, unlocking outside knob or lever. • Can be locked from outside by key.	**5422LN***	
Asylum Lock • Deadlocking latchbolt. • Latchbolt by key both sides. • Ridge knob/lever both sides for use as pulls only.	**5430LN***	

5400LN Series
Cylindrical Leverset Functions

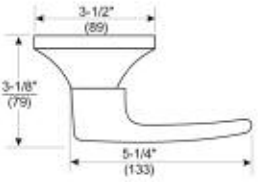
Function/Application	(ANSI) List Nos. Mortise Locksets
Fail Safe • Power on locks outside lever. • Inside lever always active. • Latchbolt retracted by key when locked electrically. • Free Wheeling lever when locked electrically.	**5490LN*** 
Fail Secure • Power on unlocks outside lever. • Inside lever always active. • Latchbolt retracted by key when power is off. • Free Wheeling lever when power is off (locked).	**5491LN*** 

5400LN/5300LN Trim Designs

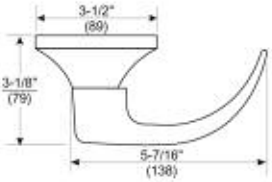
AU



MO



PB



5400LN / 5300LN Series
Cylindrical Leversets

Electric locks provide the ability to electrically lock or unlock the outside trim from a remote location. Fail Safe locks are commonly used in stair towers to release upon fire alarm activation. Fail Secure locks are used on perimeter doors or security doors to allow ingress using access control technologies (proximity cards, keypads).

Custom cable lengths available for ElectroLynx connections. Call Akron Hardware for pricing and information.

How to Order 5400LN/5300LN Leversets

DESIGN	FUNCTION	FINISH	BACKSET *	STRIKE *	CYL. *	KWY. *
AU	5401LN	605	2-3/4"	495	L/C	SEE
MO	5402LN	606	3-3/4"	497		PAGE
PB	5405LN	612	5"		x 1210	3
	5407LN	613				
	5408LN	625				
	5418LN	626				
	5490LN					
	5491LN					

OPTIONS	
Door Thickness (STD)	
1-3/4" – 2-1/4"	1-3/8" – 1-3/4"
2-3/8" Backset Non Dlk.	
2-3/8" Backset Dlk.	
2-3/4" Backset (STD)	
3-3/4" Backset Non Dlk.	
3-3/4" Backset Dlk.	
5" Backset	
371 Curved Lip Strike	
495 Curved Lip Strike	
Less Cylinder	
Removable Core	

	TRIM DESIGN \ FINISHES	605	606	612	613	625	626
5400LN	AU	•	•	•	•	•	•
	MO	•	•	•	•	•	•
	PB	•		•	•	•	•
5300LN	AU	•		•	•	•	•
	MO	•		•	•	•	•
	PB	•		•	•	•	•

Unless otherwise specified, locks will be furnished standard for RH, 1-3/4" door, 2-3/4" backset, ANSI strike, E1R (PARA) keyway cylinder x random keyed.

5400 Series Cylindrical Knob

YALE

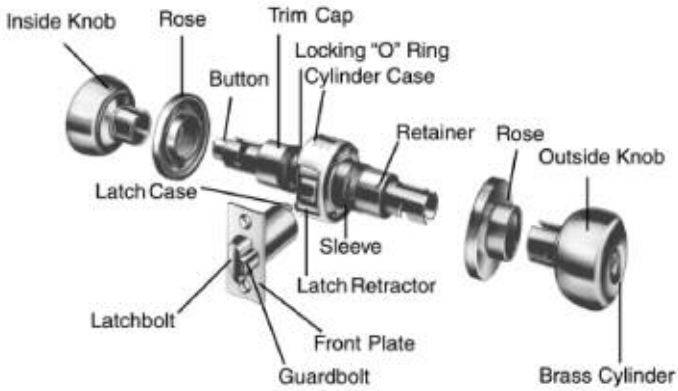
ANSI/BHMA Series 4000, Grade 1. Yale's highest-quality knob locksets offer the finest cylindrical lock mechanisms available. The 5400 series is assembled with superbly engineered components of high-grade materials for long-lasting reliability. Manufactured for the industrial, commercial and institutional markets, this lockset features security, dependability and versatility in attractive designs and finishes.

Features Include:

- **Mechanism: 5400 Series heavy-gauge steel, zinc-plated, dichromated**
- **Backset: 2-3/4" standard both series; 3-3/4" or extension links thru 42".**
- **Latchbolt: 1/2" throw, standard both series; 5/8" and 3/4".**
- **Guardbolt: Deadlocks latchbolt when door is closed.**
- **Door Thickness: Adjustable from 1-3/8" to 2" standard; 1-1/4" to 1-3/8" or 2" to 2-1/4" to special order for most trim.**
- **Fronts: 2-1/4" x 1-1/8" beveled standard; flat fronts available to order.**
- **Rabbeted Doors: Latchbolts with a 1/2" rabbet step available to order.**
- **Lead Shielded: Available to order.**
- **Cylinders: Brass, 6-pin, keyed random cylinder with two keys furnished standard. For other cylinder and keying options, see pages 28-29.**
- **Reversibility: Locksets are field reversible.**
- **Strikes: 1-1/4" curved lip for 1-3/4" door thickness standard; other lip lengths available to order; all reversible.**
- **UL: UL fire rated up to 3 hours.**

Available Finishes from Stock

See page 28 for available finishes.

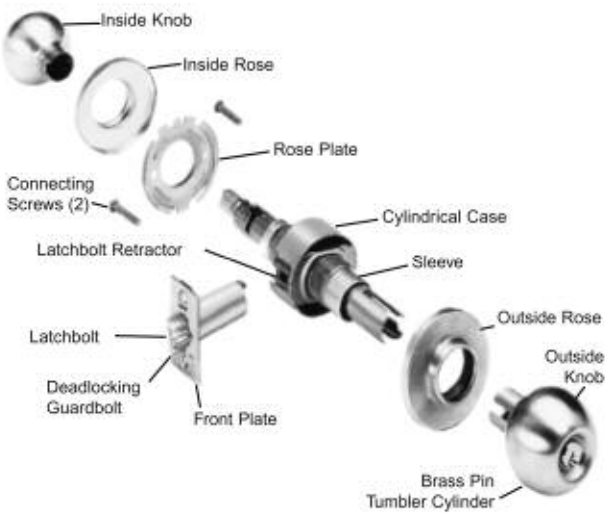


5300 Series Cylindrical Knob

ANSI/BHMA Series 4000, Grade 2. Yale's 5300 series offers a unique combination of positive security, trim array and quality construction. This knob lockset is designed for various commercial and residential applications and is available in a wide variety of functions.

Features Include:

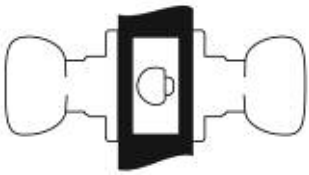
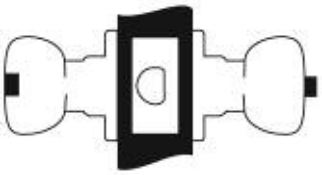
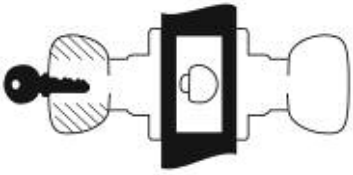
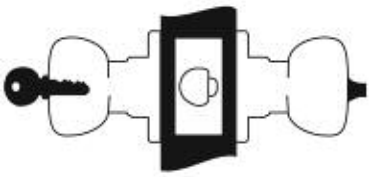
- **Mechanism: Heavy-gauge steel, zinc-plated, dichromated.**
- **Backset: 2-3/4" standard; 2-3/8" or 3-3/4" available to order.**
- **Latchbolt: 1/2" throw.**
- **Guardbolt: Deadlocks latchbolt when door is closed.**
- **Door Thickness: Adjustable from 1-3/8" to 2" standard; 2" to 2-1/4" to special order for most trim.**
- **Fronts: 2-1/4" x 1" rectangular flat front standard; beveled rectangular or round flat fronts available to order.**
- **Rabbeted Doors: Latchbolts with a 1/2" rabbet step available to order.**
- **Cylinders: Brass, 6-pin, keyed random cylinder with two keys furnished standard. For other cylinder and keying options, see pages 28-29.**
- **Reversibility: Locksets are field reversible.**
- **Strikes: 4-7/8" curved lip for 1-3/4" door thickness standard; other lip lengths available to order; all reversible. 1-1/4" curved lip optional strike No. 497.**
- **UL: UL fire rated up to 3 hours.**



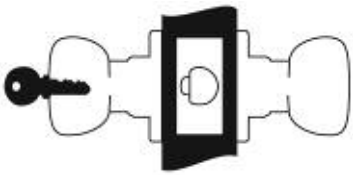
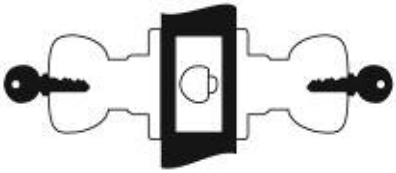
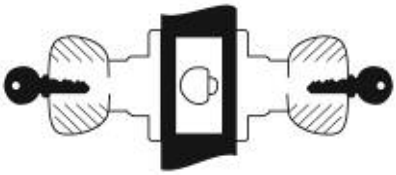
Available Finishes from Stock

See page 28 for available finishes.

5400 / 5300 Series
Cylindrical Knob Functions

Function/Application	(ANSI) List Nos. Mortise Locksets
Passage Latch • For doors that do not require locking. • Either knob/lever operates the latchbolt at all times.	**(F75)** **5401** **5301** 
Privacy Lock • Latchbolt by knob/lever either side. • Deadbolt by thumbturn inside. • When the deadbolt is projected, outside knob/lever is automatically made rigid. • Anti-panic operation. Turning inside knob/lever retracts the latchbolt and deadbolt simultaneously, automatically unlocking outside knob/lever. • In emergency, deadbolt may be unlocked from outside by E203 emergency key supplied.	**(F76)** **5402** **5302** 
Storeroom or Closet Lock • For use on storeroom, utility, exit doors. • Deadlocking latchbolt. • Latchbolt by key outside, knob/lever inside. • Outside knob/lever rigid at all times.	**(F86)** **5405** **5305** 
Entrance or Office • For office doors where locking is required. • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by stopwork activator. • When outside knob/lever is set, latchbolt is operated by key outside and knob/lever inside.	**(F81/82)** **5407** **5307** 

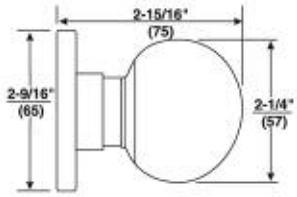
5400 / 5300 Series
Cylindrical Knob Functions

Function/Application	(ANSI) List Nos. Mortise Locksets
Classroom Lock • For classroom, office, or utility room doors. • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by key outside. • Inside knob/lever always active.	**(F84)** **5408** **5308** 
Apartment, Exit or Public Toilet Lock • Deadlocking latchbolt. • Latchbolt by knob/lever either side, except when outside knob/lever is set by key inside. • When outside knob/lever is set, latchbolt is operated by key outside and knob/lever inside.	**(F88)** **5417** **5517** 
Asylum Lock • Deadlocking latchbolt. • Latchbolt by key both sides. • Ridge knob/lever both sides for use as pulls only.	**(F87)** **5430** 

5400 / 5300 Series Cylindrical Knob

5400/5300 Trim Designs

CA



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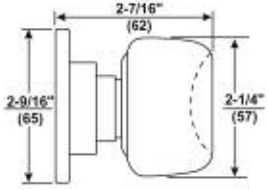
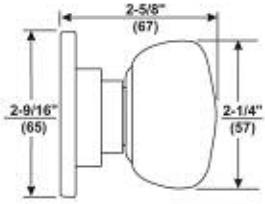


LF



How to Order 5400/5300 Cylindrical Knob Locksets

DESIGN	FUNCTION	FINISH	BACKSET *	STRIKE *	CYL. *	KWY. *
BR	5401	612	2-3/4"	495	L/C	SEE
CA	5402	613	3-3/4"	497		PAGE
LF	5405	626	5"		x 1210	3
	5407					
	5408					

		TRIM DESIGN / FINISHES 605	612	613	626
5400	BR				•
	CA	•	•	•	•
	LF	•	•	•	•
5300	BR				•
	CA	•	•	•	•
	LF		•		•

Unless otherwise specified, locks will be furnished standard for RH, 1-3/4" door, 2-3/4" backset, ANSI strike, E1R (PARA) keyway cylinder x random keyed.

OPTIONS	
Door Thickness (STD)	
5400 1-3/8" – 2"	5300 1-3/8" – 1-3/4"
2-3/8" Backset Non Dlk.	
2-3/4" Backset (STD)	
3-3/4" Backset Non Dlk.	
3-3/4" Backset Dlk.	
5" Backset	
495 Curved Lip Strike	
497 ANSI Strike 4-7/8"	
Less Cylinder	
Removable Core	

Notes

1500 Series Exit Device

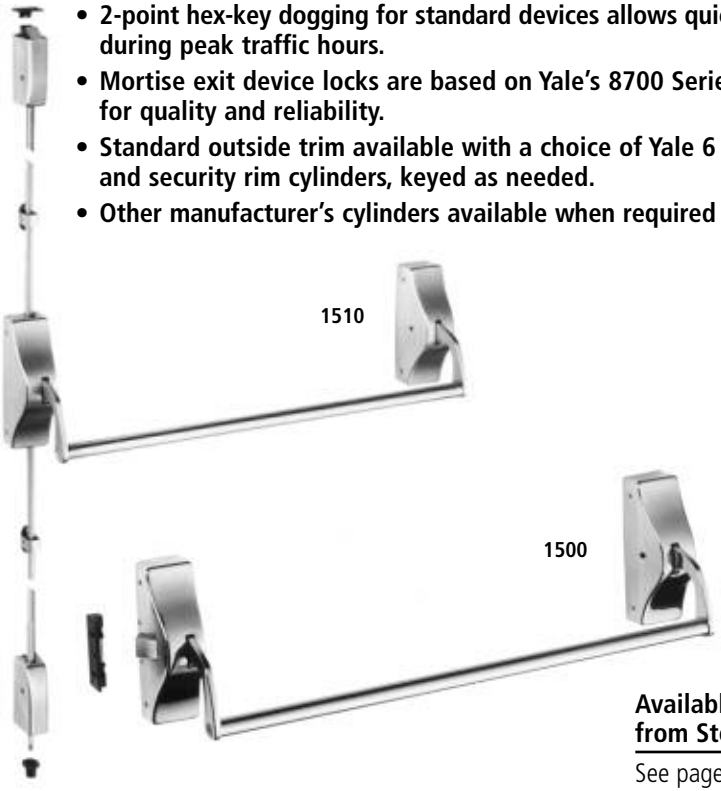
YALE

Yale's 1500 Series Traditional Crossbar Exit Devices are the perfect solution for modern retrofit applications and maintaining the look and integrity of historic architectural motifs.

Sound design, unobtrusive lines, and ease of installation harmonize with the Yale benchmark of quality and dependability. Each exit device package consists of brass, bronze or stainless steel components complementing proven internal mechanisms constructed of sturdy steel, to which substantial corrosion-resistant coatings have been electrochemically bonded.

Features Include:

- **Available in rim, mortise, surface vertical rod and concealed vertical rod.**
- **Lever, knob, handle and pull trim designs offer variety and permit hardware balance throughout a building.**
- **2-point hex-key dogging for standard devices allows quiet push-pull door operation during peak traffic hours.**
- **Mortise exit device locks are based on Yale's 8700 Series, the industry standard for quality and reliability.**
- **Standard outside trim available with a choice of Yale 6 and 7-pin, removable core and security rim cylinders, keyed as needed.**
- **Other manufacturer's cylinders available when required by existing key systems.**



Available Finishes from Stock

See page 35 for available finishes.

2100 Series Exit Device

Patented mechanisms, made of heavily electroplated high-grade steel and non-ferrous materials, present sturdy construction and superior protection against corrosion. Fine finishes of baked powder coatings tenaciously resist rust and abrasion, with cosmetic and functional life extended to match that of the architectural finishes offered on the optional outside trim.

Features Include:

- **Flatbar economy exit devices to address egress code needs with utilitarian packages, in openings with flush or wide stile doors.**
- **Rim (type 1) and Surface Vertical Rod (type 2) exit devices, for single swing openings, pairs without mullions.**
- **Vandal-resistant mechanisms featuring heavy steel components. Hefty dogging mechanism, for positive push-pull door action at peak traffic times. Baked-on powder coat, electroplated, or architectural base material finish on all exposed surfaces.**
- **2116 Alarm Kit offers practical and economical exit control. Selfcontained, batteryoperated, loud horn sounds when the device touchbar is depressed to open the door. Easy field addition to exit device installation.**

2100

2110

Available Finishes from Stock

See page 35 for available finishes.

7000 Series Exit Device

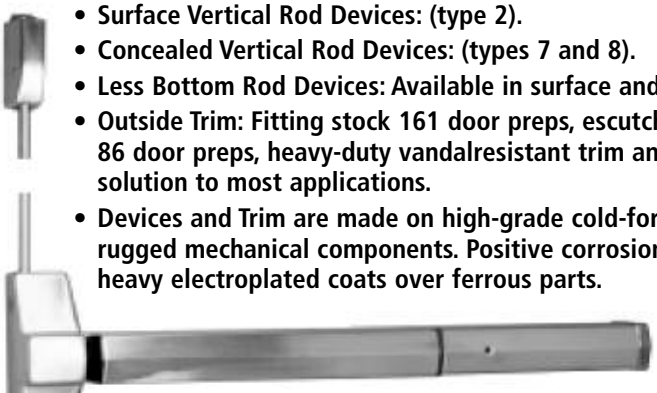
YALE

Yale 7000 Series exit devices deliver an unparalleled combination of durability, breadth of line, innovation and aesthetics.

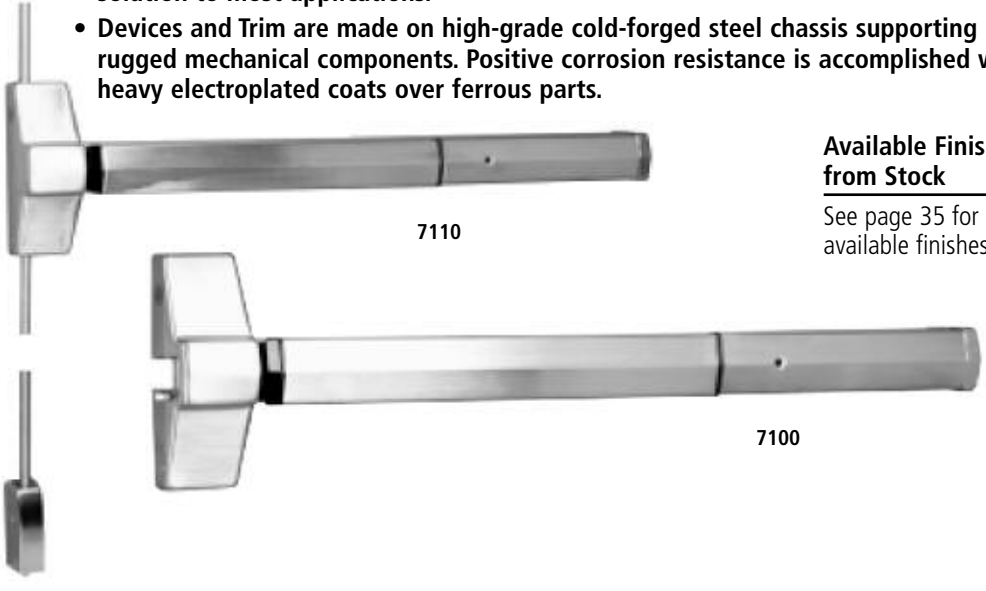
To meet electronic access control needs, Yale's 7000 series exit devices come with a full array of electro-mechanical options and accessories. The 7000 series can be effortlessly integrated into existing security or fire alarm systems to ensure every opening is safeguarded.

Features Include:

- **Styleline Exit Devices fuse heavy-duty strength into avant-garde hardware for flush and wide stile doors.**
- **Rim Security Bolt Devices: (type 28), SquareBolt® by Yale® exclusive feature covered by patent.**
- **Rim Pullman Bolt Devices: (type 1).**
- **Surface Vertical Rod Devices: (type 2).**
- **Concealed Vertical Rod Devices: (types 7 and 8).**
- **Less Bottom Rod Devices: Available in surface and concealed varieties.**
- **Outside Trim: Fitting stock 161 door preps, escutcheon outside trim fitting stock 86 door preps, heavy-duty vandalresistant trim and other dedicated trim offer a solution to most applications.**
- **Devices and Trim are made on high-grade cold-forged steel chassis supporting rugged mechanical components. Positive corrosion resistance is accomplished with heavy electroplated coats over ferrous parts.**



7110



7100

Available Finishes from Stock

See page 35 for available finishes.

Exit Device Trim

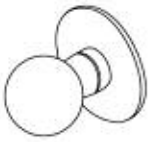
210 Series Trim

Dummy Trim
Pull Plate

Nightlatch
Access by Key

Nightlatch
Cylinder x Pull

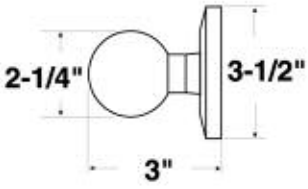
540F Series Rose Trim



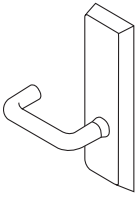
CA544F
Passage Knob

CA542F
Classroom

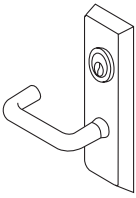
AU



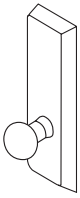
620F Wide Escutcheon Trim



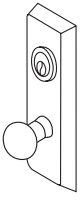
628F
Passage



626F
Classroom
Storeroom



624F
Passage
Active Knob



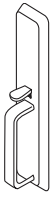
622F
Classroom
Storeroom

620F
Blank Plate

630F Wide Escutcheon Trim

634F
Dummy Trim
Pull Plate

632F
Nightlatch



635F
Passage

633F
Classroom
Storeroom

Exit Device Trim

Lever and Knob Designs

AU

Projection: 2-5/16"
(59mm)

CA

Projection: 2-15/16"
(75mm)

CO

Projection: 3-1/8"
(79mm)

CR

Projection: 2-7/8"
(73mm)

MO

Projection: 2-3/16"
(71mm)

PB

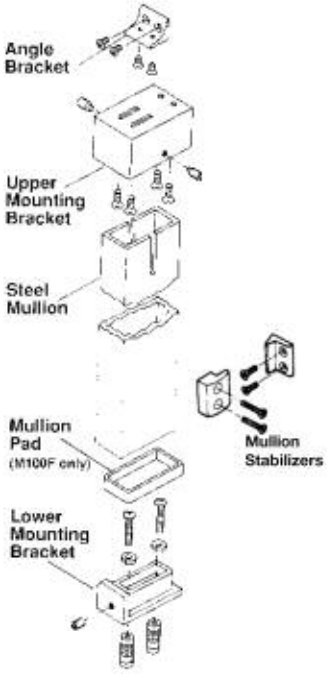
Projection: 2-3/4"
(70mm)

M100 / M100F Removable Mullions

Column in the center of paired openings with both doors swinging out. Mullions help move traffic through an opening by providing two well-defined doorways.

Yale mullions are supplied ready for use with Yale rim exit devices. Simple instructions, packed with the mullions, yield a solid structural mount. Fast mullion removal and repositing feature permit at will use of the full opening width (such as to pass bulky items thru.)

Built from 1-1/2" x 3" (38mm x 76mm) tubular steel with rigid walls, adequate for secure strike fastening. Fittings are provided with floor anchors and machine screws.



Electrified Exit Devices

The Yale® 7000 Series exit devices offer a complete range of electrical options. A continuity in appearance, security and functions with the 7000 Series mechanical exit device is maintained. These electrified exit devices may be integrated into the monitoring security and alarm systems of most buildings.

Custom cable lengths available for ElectroLynx connections. Call Akron Hardware for pricing and information.

ELECTRO Lynx™

How to Order Yale Exit Devices

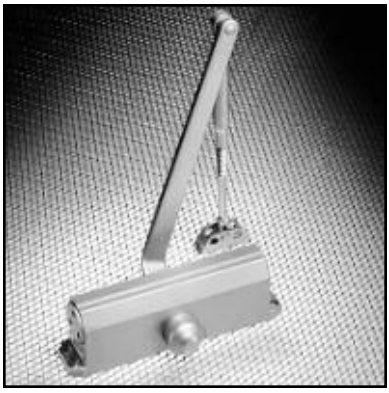
FUNCTION	TRIM		FINISH	HAND *	DOOR WIDTH
1500	213F	CR626F	689	RHR	36"
1510	214F	CR628	691	LHR	48"
2100	217F	MO626F	695		
2100F	AU626F	PB626F	613		
2110	AU628F	632F	626		
7100	CA642F	634F	630		
7100F	CA644F	633F			
7110	CO622F	635F			
7110F	CO624F				
7120F					
7130					
7220					
7170F					

Unless otherwise specified, exits will be furnished standard for RHR, 1-3/4" thick door, 36" width x 84" height, E1R keyway cylinders (if applicable) x KD. Please specify hand on all devices.

Note: All Yale exit device trims now work with all Yale exit devices. They are interchangable and are, therefore, listed together.

TRIM DESIGN / FINISHES	691	613	626	630
AU520		•		•
CA540			•	
CO520				•
CR520		•		•
MO520				•
PB520				•
630				•
210 Plate	•			
210 Pull	•			

50BC / 51 Series Door Closers



Yale 50BC Series Door Closers are designed to fit almost any application and are the choice of engineers world-wide. They are ideal for use with aluminum store front doors and frames, yet they also complement wood or metal door installations. They are non-handed and, for standard non-hold open or hold open applications, are supplied with brackets to permit regular arm, top jamb or parallel arm installation. Separate regulating valves control closing speed and latch speed.

Features Include:

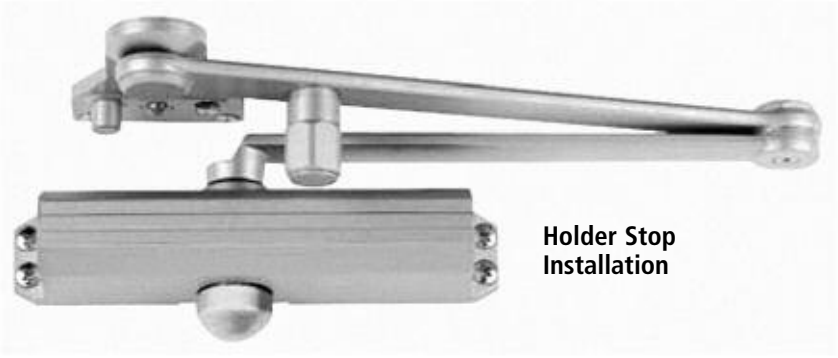
- **Tri-Pack Installation: Closer packed with brackets for regular arm, top jamb or parallel arm installation.**
- **Non-Handed: Installs on doors of either hand or swing.**
- **Aluminum Alloy Shell: Lightweight, with proven durability.**
- **Rack & Pinion Operation: Ensures smooth power transmission through entire opening and closing cycles.**
- **Adjustable Closing/Sweep Speed: Independent regulating valve; hexkey operated.**
- **Adjustable Latch Speed: Independent regulating valve; hexkey operated.**
- **Adjustable Backcheck Cushioning: Independent regulating valve; hex-key operated.**
- **Non-Critical Valves: All control valves are non-critical; 1/8" hex-key operated.**
- **Positive Alignment Main-Arm Broach: Arm broach configuration and marking help ensure proper arm installation.**
- **Non-Hold Open Arm: Supplied as standard.**

Available Finishes from Stock

See page 46 for available finishes.

Call our Sales department - toll free - for current pricing on all Yale products

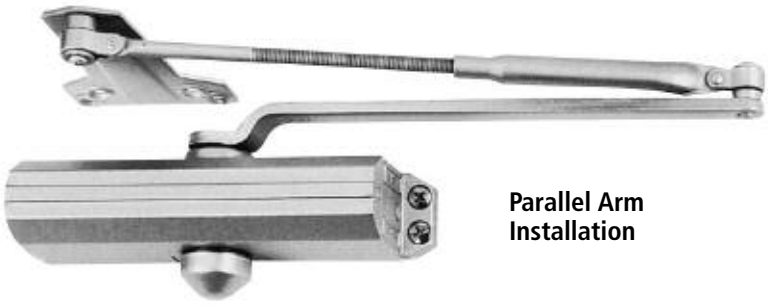
50BC / 51 Series
Door Closer Mountings



Holder Stop
Installation

Top Jamb
Installation

Regular Arm
Installation



Parallel Arm
Installation

1900 Series Door Closers

YALE

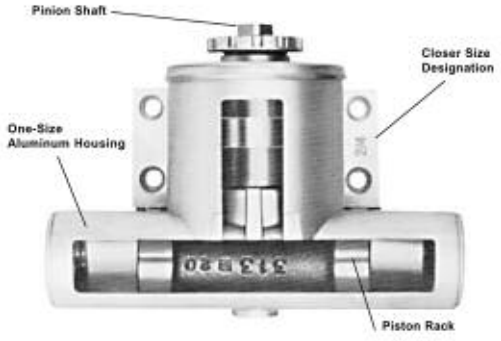
The Yale® 1900 Series Traditional Surface Closer offers conventional closer styling in combination with contemporary closer control and the installation convenience of a onesize closer shell. Only two spring sizes are required to provide control for the complete range of door sizes. The 1900 Series Door Closers are designed for traditional and period decor while at the same time meeting the strict requirements of engineers worldwide.

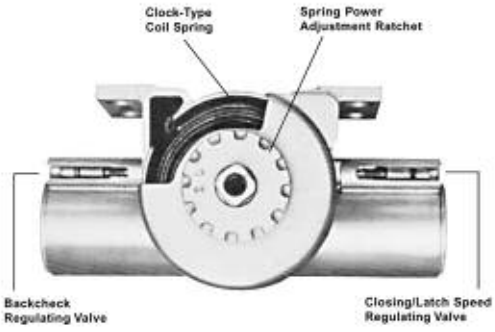
Features Include:

- **One-Size Aluminum Housing: Closer is housed in special aluminum alloy shell selected for its ability to provide optimum performance.**
- **Adjustable Spring Power: Clocktype coil spring allows incremental adjustment of closer power to meet individual installation needs.**
- **Rack and Pinion Design: Provides smooth continuous control through the complete opening and closing cycle.**
- **Adjustable Backcheck Cushioning: An independent regulating valve is provided for increasing or decreasing the strength of the backcheck cushioning with a 1/8" (3mm) hex key.**
- **Non-Hold Open Arms: Supplied standard with closer. Arms are non-handed.**
- **Adjustable Power Standard Installation Jamb Bracket: Provides a ±7-1/2% power adjustment by relocation of the forearm pin in the jamb bracket.**
- **Rigid Parallel Arm: For applications where heavy traffic and usage are anticipated.**

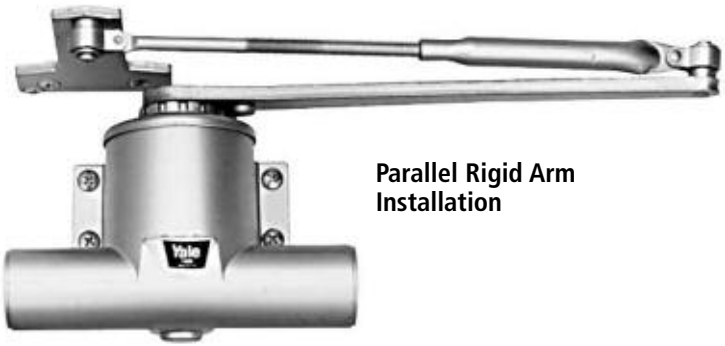
Available Finishes from Stock

See page 46 for available finishes.





1900 Series
Door Closer Mountings



Parallel Rigid Arm
Installation

Regular Arm
Installation

Corner Bracket
Installation

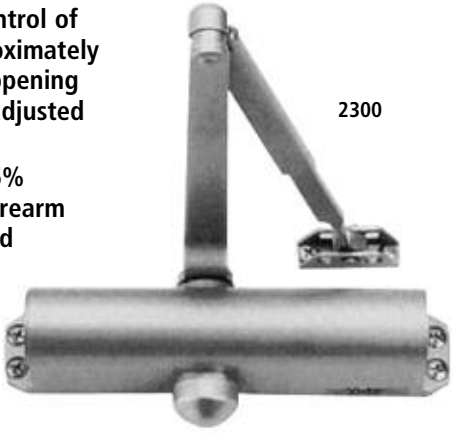
Parallel Arm
Installation

2300BC Series Door Closers

The Yale® 2300BC is a durable, economically priced door closer designed for commercial exterior and interior doors such as storefront and industrial applications. It is ideal for use with narrow stile aluminum doors and frames. The 1-3/4" x 9-5/8" (44mm x 244mm) body size of the 2300 Series makes it especially popular as a replacement for many closers.

Features Include:

- **Aluminum Alloy Housing: Closer bodies are constructed of a special aluminum alloy, carefully selected to accommodate interactive steel components and operating conditions.**
- **Rack & Pinion Operation: Provides a smooth constant control of the door through its full opening and closing cycle. 180° door swing can be achieved when door, frame, hardware and arm function do not interfere.**
- **Closer Fluid: All door closers are supplied with a temperature stable, multiviscosity fluid. This fluid will permit the door closer to perform within a wide temperature range from very high to as low as -40°F.**
- **Non-Handed: Pinion shaft extends vertically through the closer body in both directions. This permits the closer to be positioned on either right or left hand doors for most applications.**
- **Non-Critical Control Valves: All control valves for sweep speed, latch speed and backcheck cushioning are non-critical and are adjusted by a standard 1/8" (3mm) hex wrench.**
- **Adjustable Backcheck Cushion Valve: Provides control of the door in the opening cycle, beginning at approximately 75° of door opening. It slows/cushions the door opening when the door is forcibly opened beyond its preadjusted speed limitation.**
- **Adjust Power Shoe: Supplied as standard for a 15% (±7-1/2%) power adjustment by relocating the forearm at the shoe, for regular arm and top jamb nonhold open installations.**



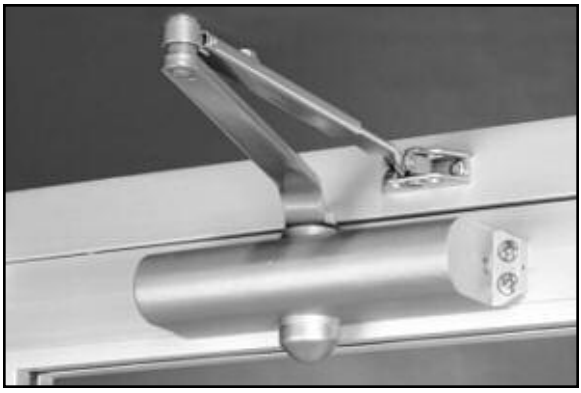
2300

Available Finishes from Stock

See page 46 for available finishes.

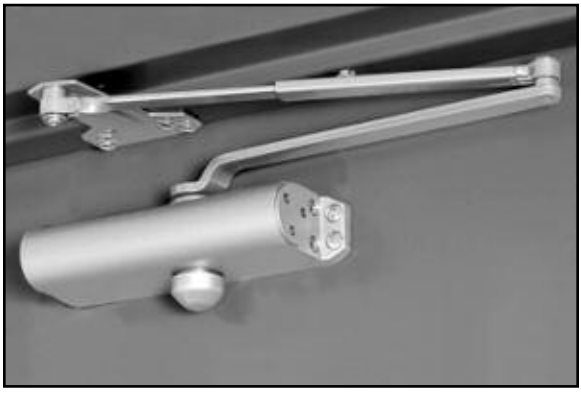
2300BC Series
Door Closer Mountings

Regular Arm Installation



Top Jamb Installation

Parallel Arm Installation



3000 Series Door Closers

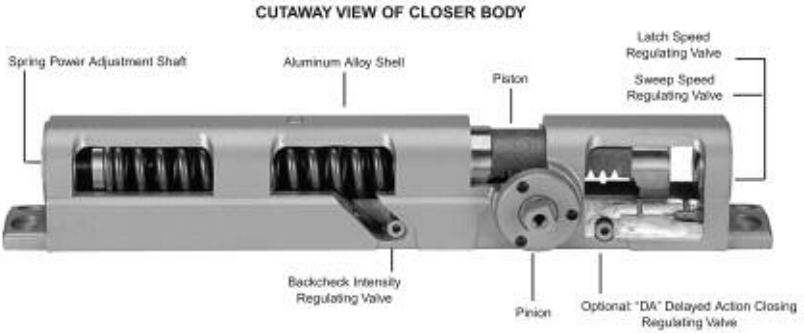
Yale's 3000 Series Architectural Door Closers offer the perfect combination of reliability, appearance and durability in today's market. With features such as staked valves, self-drilling/self-tapping screws, rack and pinion design and precise valve adjustment, and a complete range of arm and cover options, the Yale® 3000 can meet virtually any application challenge.

Features Include:

- **Aluminum Alloy Housing: Closer bodies are constructed of a special aluminum alloy.**
- **Rack & Pinion Operation: Provides a smooth constant control of the door through its full opening and closing cycle.**
- **Non-handed: With few exceptions all series 3300/3500 and series 3301/3501 door closers are non-handed and can be installed on either right or left hand swing doors.**
- **Sweep Speed Control Valve: Allows adjustment of door speed from the door's full open position down to approximately 10° from the closed position.**
- **Latch Speed Control Valve: Allows adjustment of door speed from approximately 10° down to the door's fully closed position.**
- **Closer Fluid: All door closers are supplied with a temperature stable, muti-viscosity fluid.**
- **Tri-Style® Packaging: 3301(BF)/3501(BF) come with screws, brackets and soffit plates to allow for regular, top jamb, and parallel arm installations.**
- **Adjustable Backcheck Valve: Provides control of the door in the opening cycle, beginning at approximately 75° of door opening.**
- **Standard Molded Covers: Molded of high-impact U.L. listed material.**
- **Warranty: Limited ten-year warranty.**

Available Finishes from Stock

See page 46 for available finishes.



3000 Series
Door Closer Mountings

Top Jamb

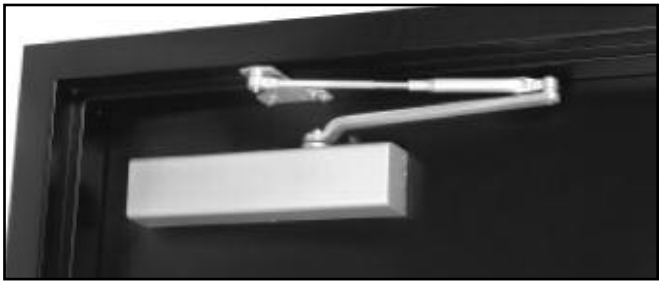
For efficiency reasons this application provides the best alternative to the regular arm application.

Regular Arm

This is the only pull side application where a double lever arm is used. It is the most power-efficient application for a door closer.

Parallel Arm

This application provides the most appealing design appearance for a surface-mounted door closer having a double lever arm.



For Yale Parts, Available For Immediate Shipment, See Our Manufacturers Parts Section.

3000 Series
Door Closer Mountings

Side Track

Pull Side

Push Side

Rigid Parallel Arm

Non-Hold Open Arm Shown

Holder Stop Arm

Hold Open Arm Shown

UNI Stop Arm

Parallel

Top Jamb

Low Profile Arm

Regular Arm

Parallel Arm

4400 Series Door Closers

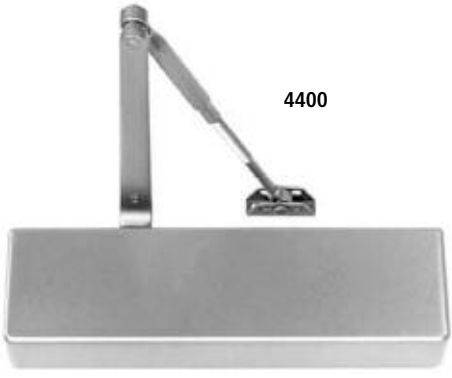
Yale's 400/4400 Series Institutional Door Closers offer customers the ideal combination of superior performance, quality and strength. With new pinion and piston materials, improved valve design, and staked valves, the closers are the most efficient, dependable closers in the industry. The addition of a size 1-6 spring for the 4400's also simplifies the process of specifying and ordering product.

Features Include:

- **Non-handed: Install on doors of either hand.**
- **Aluminum Alloy Shell: Lightweight with proven durability.**
- **Rack & Pinion Operation: Assures smooth power transmission thru entire opening and closing cycle.**
- **Adjustable Closing Speed: Independent, regulating valve; hex-key operated; controls door closing speed from full open down to 10°.**
- **Adjustable Latch Speed: Independent, regulating valve; hex-key operated; controls door closing speed from 10° to close.**
- **Adjustable Backcheck Cushioning: Independent, regulating valve; hex-key operated; cushions door's opening speed beginning at approximately 70°.**
- **Adjustable Backcheck Positioning: Independent, regulating valve; hex-key operated; provides adjustment to the point at which backcheck begins and is adjustable from 70° to as late as 90°.**
- **Non-Critical Valves: All control valves are non-critical; operated by a 1/8" hex-key.**
- **Positive Alignment Main Arm Broach: Arm marking and pinion configuration help to assure proper arm installation.**

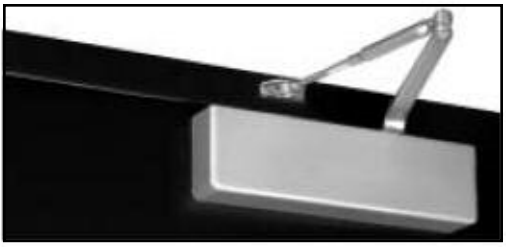
Available Finishes from Stock

See page 46 for available finishes.

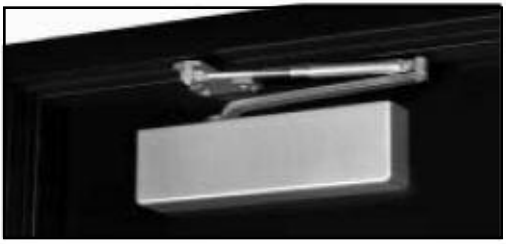


4400

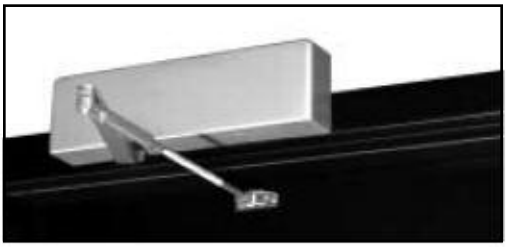
4400 Series Door Closer Mountings



Top Jamb Installation

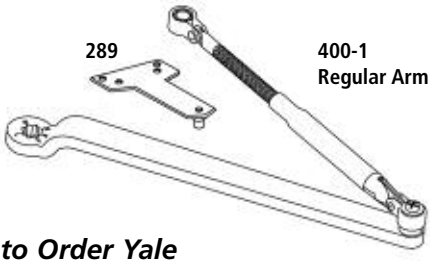


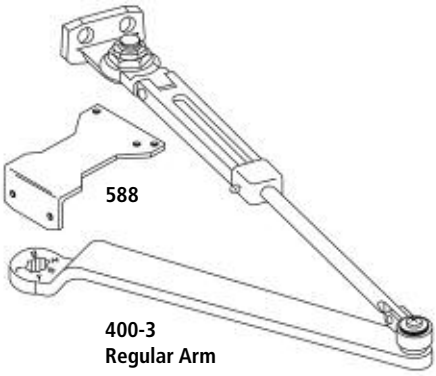
Parallel Arm Installation



Regular Arm Installation

Arms





How to Order Yale Door Closers

SERIES	FINISH
50	689
51	690
150	691
151	696
1900	
1910	
2300	
2310	
3301	
3501	
4400	

Unless otherwise specified, "Bi-Pack" door closers will be furnished standard from Akron Hardware for top jamb and regular mounting options. "Tri-Pack" door closers will be furnished standard from Akron Hardware for parallel arm, top jamb and regular mounting options.

OPTIONS
Sex Nuts – 1-3/4" Door (SN134)

Deadlocks

3500
3600
Deadbolt

Mortise
Deadlock
300

Security Latchlock 88

Security Latchlock 80

Heavy Duty Latchbolt 112

Jimmy-proof Deadlock 197

Whether searching for a means of providing basic security or adhering to requirements of more sophisticated security systems, look to Yale® for a wide choice of auxiliary and special purpose locks designed to fit a wide range of applications.

For over 160 years, Yale has been synonymous with superior locks. You can rely on Yale auxiliary and special purpose locks to provide the highest level of performance and dependability.

How to Order Deadlocks

FUNCTION	FINISH	KWY. *
313ST	605	SEE
314	612	PAGE
314-1/4	613	3
314-1/4ST	626	
315		
3511A		
3512B		
3521A		
3522B		
3611A		
3612B		
3621A		
3622B		

OPTIONS
Less Cylinder (LC)
Less Double Cylinder (300 Series)

eBoss™ E5400LN Series Electronic Locksets

The eBOSS E5400LN series electronic locksets are designed to provide the industrial, commercial, residential and hospitality marketplace with reliable, competitively priced, keyless entry with or without mechanical key override in interior or exterior environments.

Features Include:

- **E5496LN: Mechanical key can be used to retract latchbolt for entry.**
- **E5486LN: Non-key override.**
- **Master Code: Assigns Supervisor Code and Emergency Code.**
- **Supervisor Code: Allows all programming of the controller except for changing Master Code.**
- **User Codes: Used for standard entry. 94 User Codes may be programmed into the eBOSS.**
- **Emergency Code: Allows emergency entry of the lock system when the controller low battery voltage is in the "black out" condition or if the lock is in the Lockout mode.**
- **Lockout Code: Restricts User Codes from the ability to gain access. Only the Supervisor Code and Emergency code can override.**
- **Passage Code: Enables the passage feature, maintaining the lock unlocked.**
- **Key Press Feedback: Enables or disables the LED indicators or audible sound features of the lockset.**
- **Factory Code Reset: Resets all user definable functions to factory default settings. Will not reset Specialty Codes or User Codes.**
- **Re-Lock Duration: Adjusts the duration the lock remains unlocked from 1-255 seconds. Default is 4 seconds.**
- **Keypad Lockout: Deters tampering by disabling the keypad after three successive failed attempts or after 25 successive key presses without a valid code.**
- **Secure: Normal locked state. Any assigned user code can gain access.**
- **Lockout: Lockset will not accept any assigned user codes except for the Supervisor and Emergency Codes.**
- **Passage: Unlocked state**
- **The inside battery cover is easily removed for battery replacement. Each lock contains six alkaline "AA" batteries, which typically last for 100,000 cycles.**

eBoss™ E5400LN Series
Electronic Locksets

Basic Operation:

The outside lever is always locked except when the lock is in passage mode. The eBOSS™ allows up to 94 individual user codes to be valid. Codes may be from two to seven digits in length, and digits may be repeated. All programming is accomplished easily from the key-pad utilizing LED and audible guidance. Changing codes takes only a matter of seconds for an authorized user.

- **User enters a valid code (2-7 digits) followed by the [*] key.**
- **Lock will unlock (green LED) for a user definable duration of 1-255 seconds (default 4 seconds), then re-lock.**
- **If lock is in lockout mode, the yellow LED will light, indicating denied entry.**

Trim Designs:

AU

MO

PB

Finishes – 605, 613, 626
(Call for availability of other finishes).

Specifications: